

Astrophysics Explorers SMEX Phase A Kickoff Meeting

Mission Assurance

Bob Calvo

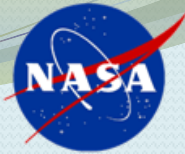
EHPD Chief Safety & Mission Assurance Officer (CSO)



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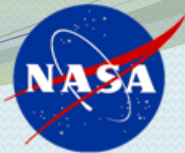


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- ❖ Mission Risk Classification is defined as C per NPR 8705.4
- ❖ Explorers & Heliophysics Projects Division (EHPD) Mission Assurance Requirements (EXP-RQMT-0001) rev -
 - Released 09/14/2016
- ❖ During this Phase (A) the Mission Assurance Implementation Plan (MAIP) and MAR Compliance Matrix is due
 - A well written MAIP is invaluable
- ❖ Understand the MAR contents - contains important/critical requirements
 - Including the Data Item Description/Deliverables (MAR Appendix A)



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- ❖ Implementation of the MAR shall be defined in the Developer MAIP and MAR Compliance Matrix
 - Exceptions and compliance to the MAR requires supporting rationale as part of the MAR Compliance Matrix
 - MAIP is to be based on existing practices where compliant to MAR requirements
 - List of expected Deviations to the MAR is required – deviations can be captured within the MAIP/MAR Compliance Matrix if adequately documented
- ❖ List of Potential Radioactive materials are required
- ❖ Finalized MAIP/MAR Compliance Matrix is due 60 days after contract award for approval